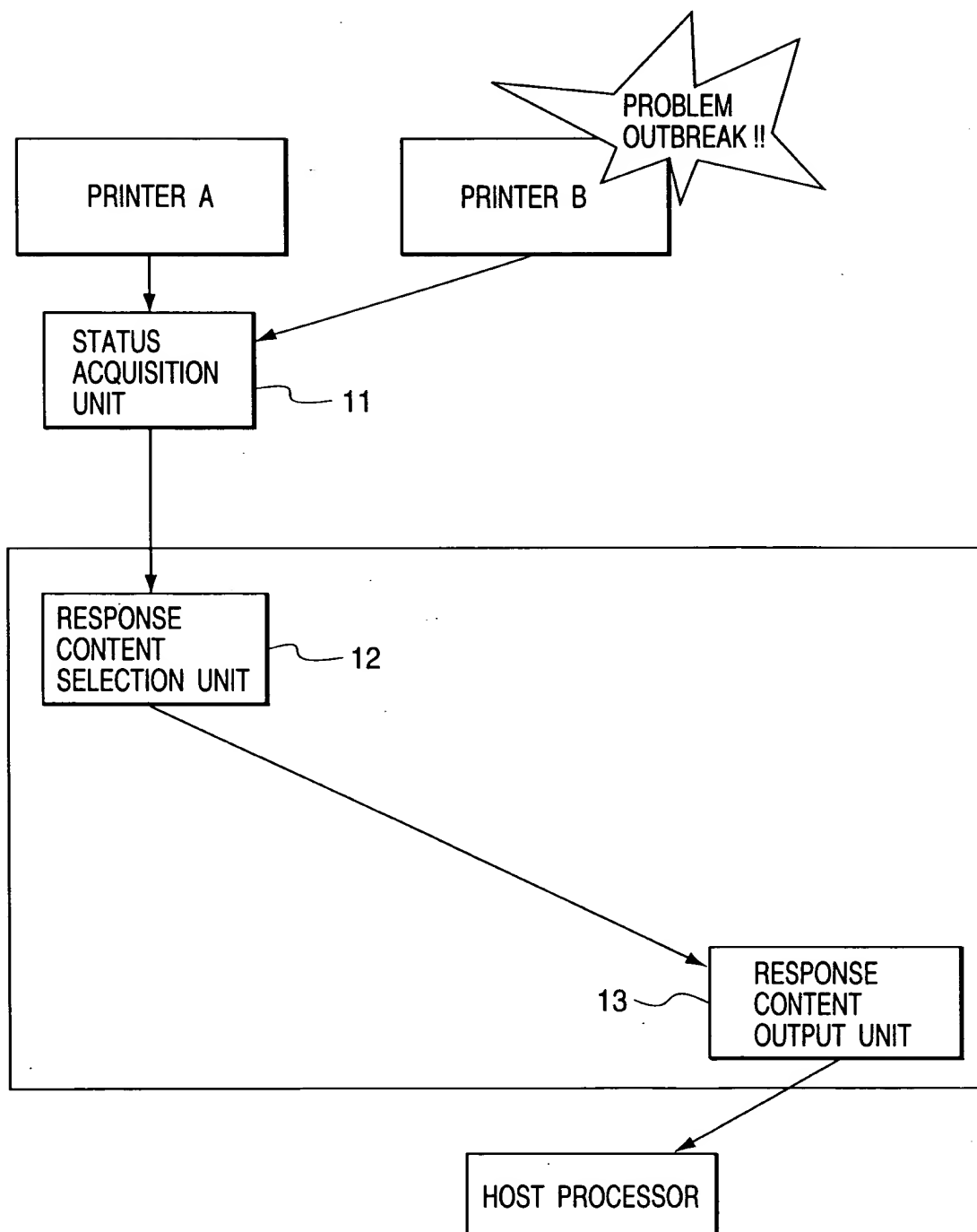


FIG. 1 PRIOR ART



0898959 "131497
45747" 6568888

FIG. 2 PRIOR ART

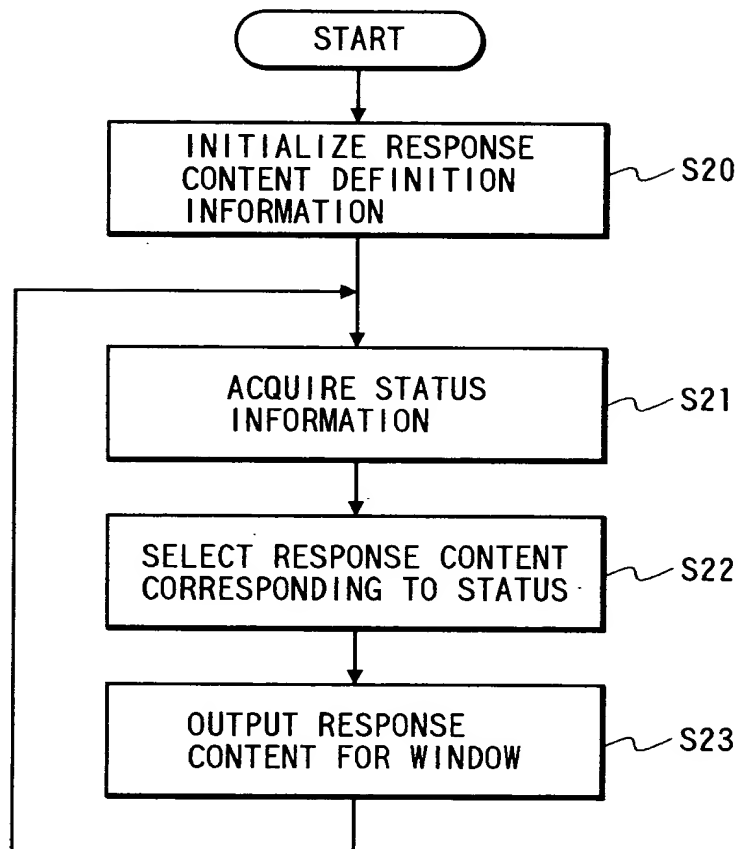
08988959 134197
467437 65688580

FIG. 3 PRIOR ART

STATE	MEANING	OUTPUT CHARACTER STRING
0	CONNECTION OFF OR POWER SUPPLY OFF	POWER SUPPLY IS NOT SUPPLIED
1	PRINTING STANDBY STAGE	PRINTING POSSIBLE
2	PRINTER STARTING STAGE	STARTING STAGE
3	PRINTER BUFFER ABNORMALITY	[INVALIDITY]
9	OTHER ERRORS	[INVALIDITY]
10	UPPER CARTRIDGE OUT	CARTRIDGE IS REMOVED
11	UPPER CARTRIDGE COPY PAPER OUT	COPY PAPER OUT
12	UPPER CARTRIDGE COPY PAPER REMAINING 5%	COPY PAPER RUN LOW
13	UPPER CARTRIDGE COPY PAPER REMAINING 10%	COPY PAPER RUN LOW
20	LOWER CARTRIDGE OUT	CARTRIDGE IS REMOVED
21	LOWER CARTRIDGE COPY PAPER OUT	COPY PAPER OUT
22	LOWER CARTRIDGE COPY PAPER REMAINING 5%	COPY PAPER RUN LOW
23	LOWER CARTRIDGE COPY PAPER REMAINING 10%	COPY PAPER RUN LOW
30	TONER CARTRIDGE OUT	TONER CARTRIDGE IS REMOVED
31	TONER OUT	TONER OUT
32	TONER REMAINING 5%	TONER RUN LOW
33	TONER REMAINING 10%	TONER RUN LOW
41	FIXER OUT	FIXER OUT
42	FIXER REMAINING 5%	FIXER RUN LOW
43	FIXER REMAINING 10%	FIXER RUN LOW

FIG. 4 *PRIOR ART*

PRINTER STATUS DISPLAY WINDOW
THERE IS NO PAPER

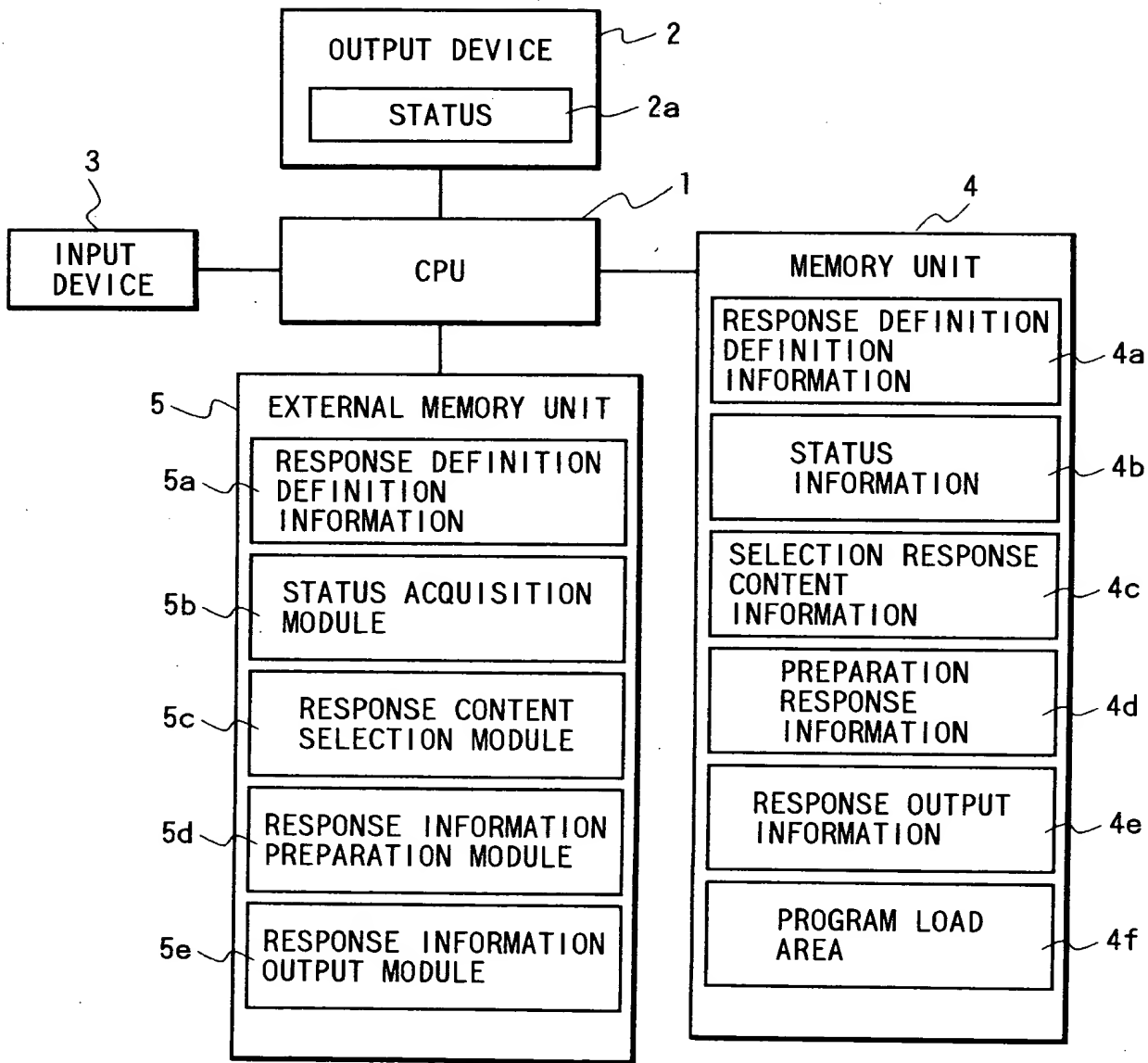
FIG. 5 *PRIOR ART*

STATUS	MEANING	Beep
0	RECEIVED MAIL ABSENT	OFF
1	RECEIVED MAIL PRESENT	ON

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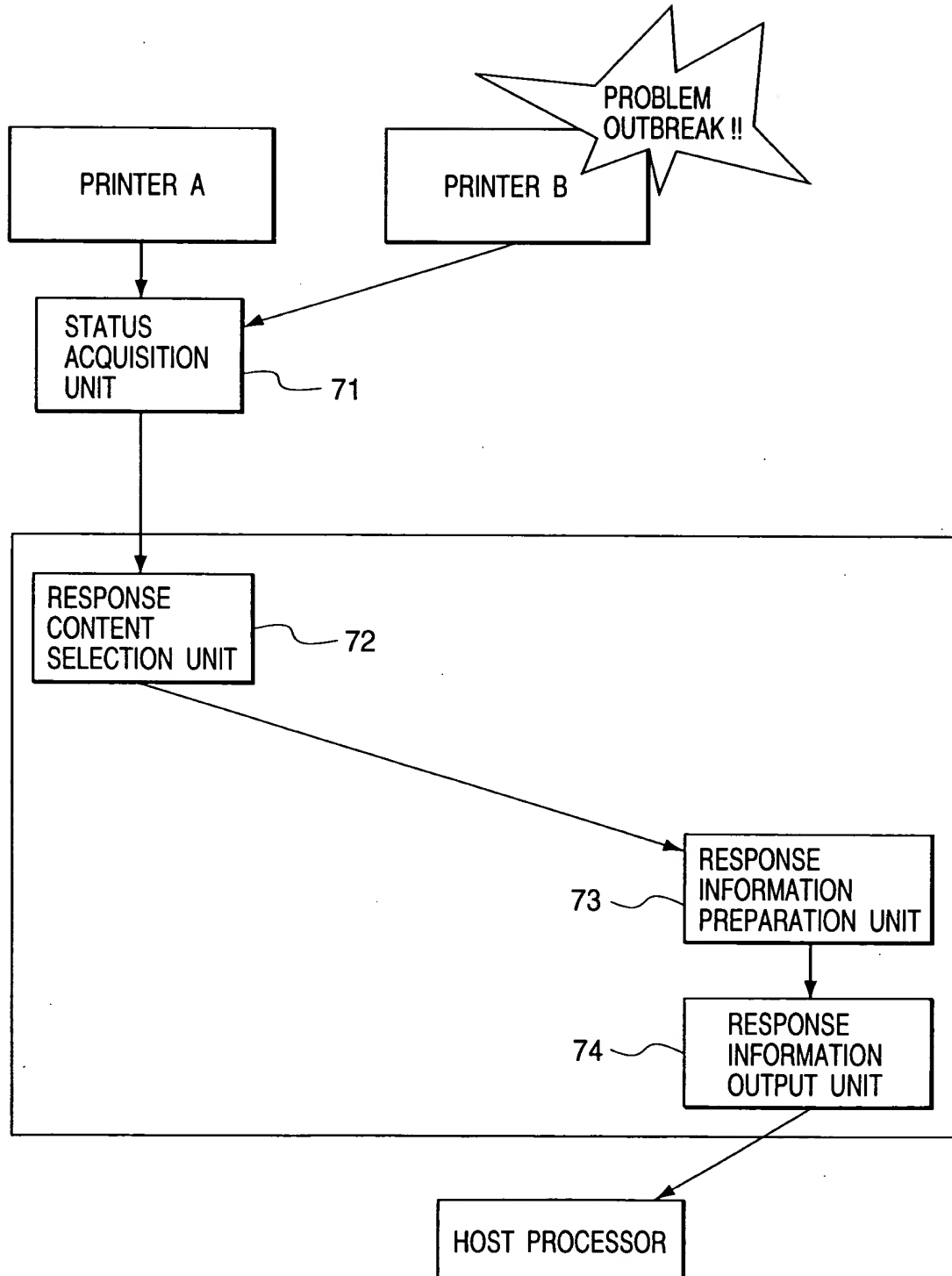
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FIG. 6



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FIG. 7

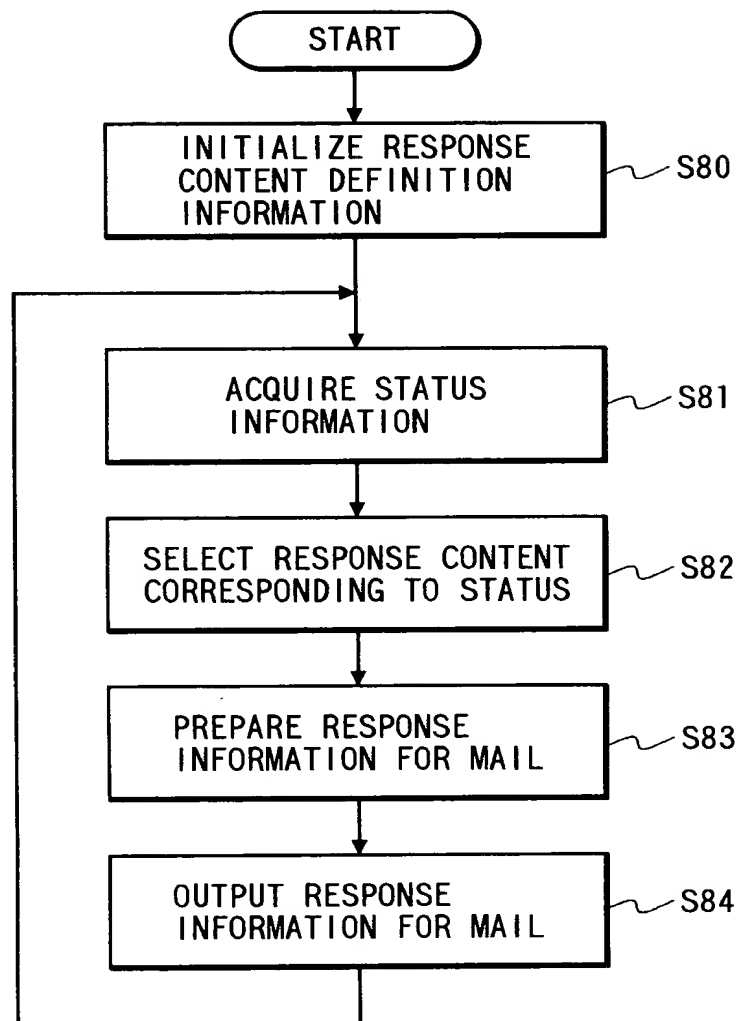


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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 8



0898959 1119
46737 6568880

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 9

STATE	MEANING	OUTPUT CHARACTER STRING
0	CONNECTION OFF OR POWER SUPPLY OFF	POWER SUPPLY IS NOT SUPPLIED
1	PRINTING STANDBY STAGE	PRINTING POSSIBLE
2	PRINTER STARTING STAGE	STARTING STAGE
3	PRINTER BUFFER ABNORMALITY	[INVALIDITY]
9	OTHER ERRORS	[INVALIDITY]
10	UPPER CARTRIDGE OUT	CARTRIDGE IS REMOVED
11	UPPER CARTRIDGE COPY PAPER OUT	COPY PAPER OUT
12	UPPER CARTRIDGE COPY PAPER REMAINING 5%	COPY PAPER RUN LOW
13	UPPER CARTRIDGE COPY PAPER REMAINING 10%	COPY PAPER RUN LOW
20	LOWER CARTRIDGE OUT	CARTRIDGE IS REMOVED
21	LOWER CARTRIDGE COPY PAPER OUT	COPY PAPER OUT
22	LOWER CARTRIDGE COPY PAPER REMAINING 5%	COPY PAPER RUN LOW
23	LOWER CARTRIDGE COPY PAPER REMAINING 10%	COPY PAPER RUN LOW
30	TONER CARTRIDGE OUT	TONER CARTRIDGE IS REMOVED
31	TONER OUT	TONER OUT
32	TONER REMAINING 5%	TONER RUN LOW
33	TONER REMAINING 10%	TONER RUN LOW
41	FIXER OUT	FIXER OUT
42	FIXER REMAINING 5%	FIXER RUN LOW
43	FIXER REMAINING 10%	FIXER RUN LOW

FIG. 10

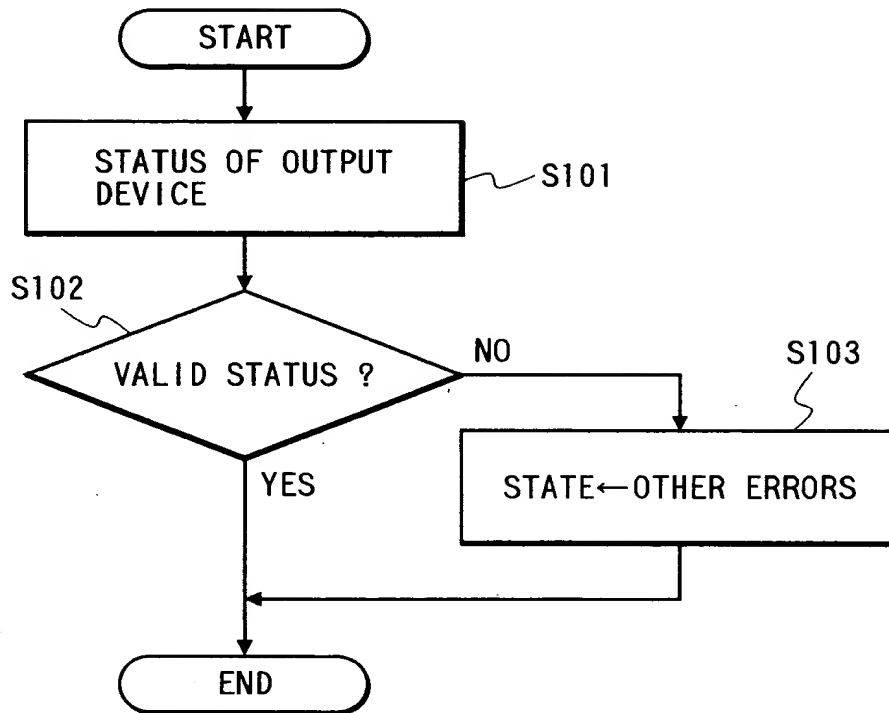


FIG. 11

VARIABLE NAME	MEANING
STATE	STATUS OF PRINTER

0898959-12197

FIG. 12

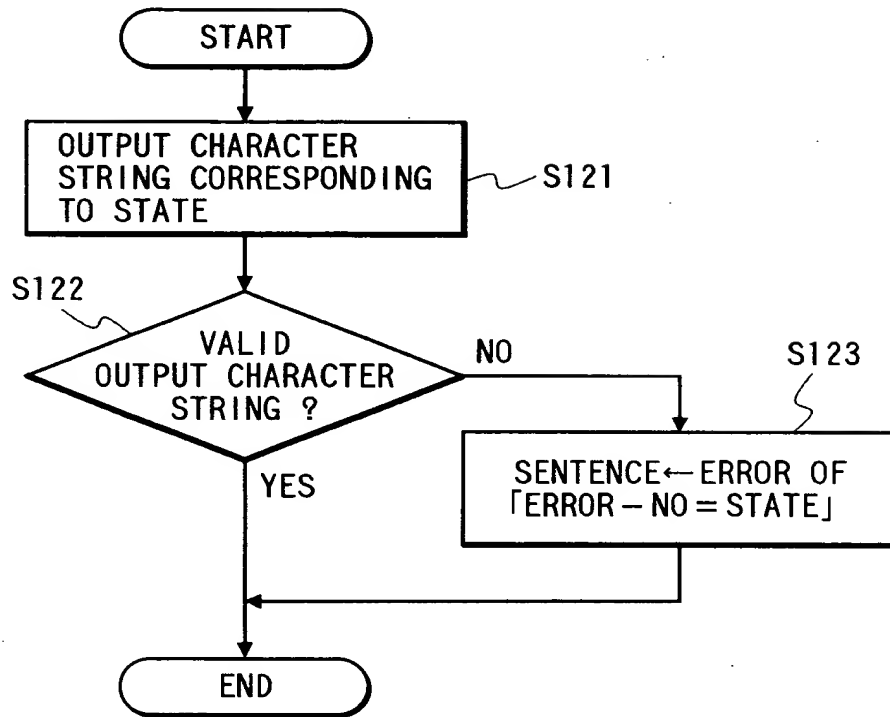


FIG. 13

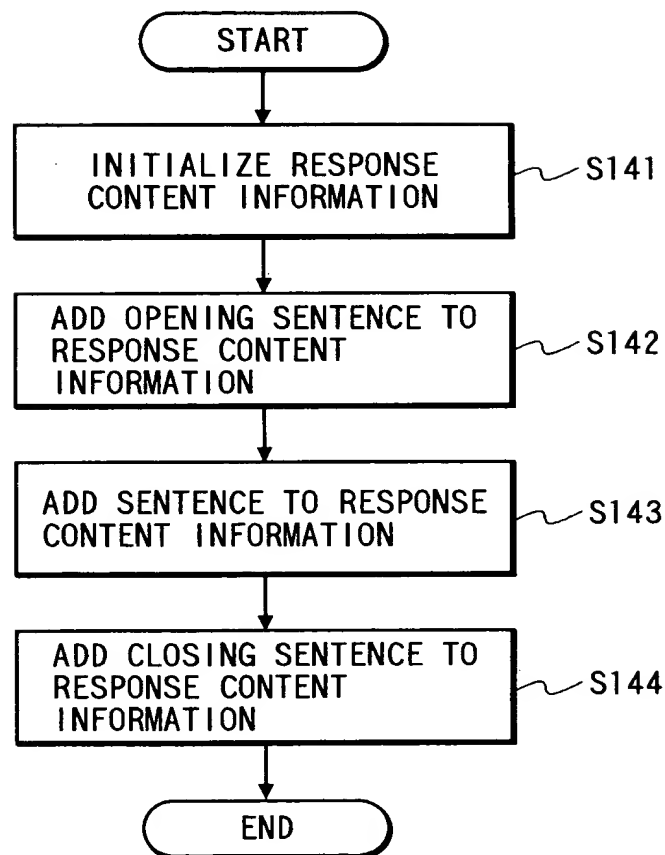
VARIABLE NAME	MEANING
SENTENCE	OUTPUT CHARACTER STRING FOR RESPONSE

0898959-1219

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 14



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FIG. 15

KIND	CHARACTER STRING
OPENING SENTENCE	THIS IS 「AUTOREPLY SYSTEM」 FOLLOWING STATUS OCCURRED
CLOSING SENTENCE	ANY INQUIRY SHOULD BE DIRECTED TO MANAGER

FIG. 16

THIS IS 「AUTOREPLY SYSTEM」 FOLLOWING STATUS OCCURRED	16a
COPY PAPER OUT	16b
ANY INQUIRY SHOULD BE DIRECTED TO MANAGER	16c

FIG. 17

THIS IS 「AUTOREPLY SYSTEM」 FOLLOWING STATUS OCCURRED	17a
ERROR OF 「ERROR-NO=3」	17b
ANY INQUIRY SHOULD BE DIRECTED TO MANAGER	17c

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 19

KIND	CHARACTER STRING
MAIL HEADER SENTENCE	Subject: Printer Status Date: Fri, 26 Jul 1996 17:45:15+0900 From: AUTOREPLY SYSTEM <autoreply@xxx.yyy.co.jp> To: USER <user@xxx.yyy.co.jp>
MAIL FOOTER SENTENCE	<hr/> AUTOREPLY SYSTEM Ver 1.01 MANAGER: ICHIRO KANRI tel: 03-xxxx-xxxx fax:03-yyyy-yyyy email: kanri@xxx.yyy.co.jp

FIG. 20

Subject: Printer Status
Date: Fri, 26 Jul 1996 17:45:15 +0900
From: AUTOREPLY SYSTEM <autoreply@xxx.yyy.co.jp>
To: USER <user@xxx.yyy.co.jp>

THIS IS 「AUTOREPLY SYSTEM」
FOLLOWING STATUS OCCURRED

COPY PAPER OUT

ANY INQUIRY SHOULD BE DIRECTED TO MANAGER

AUTOREPLY SYSTEM Ver 1.01
MANAGER: ICHIRO KANRI
tel: 03-xxxx-xxxx fax:03-yyyy-yyyy
email: kanri@xxx.yyy.co.jp

FIG. 21

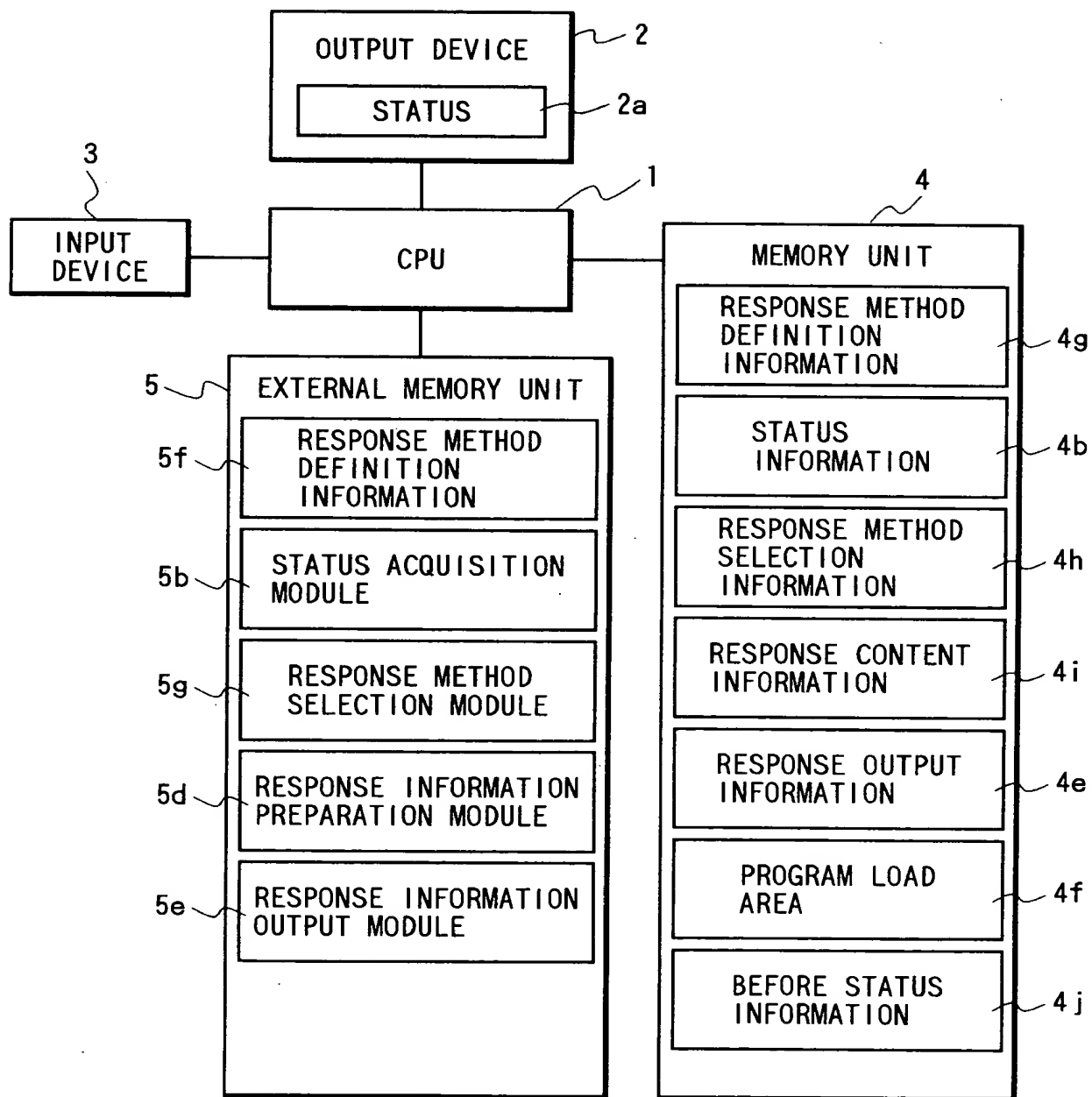
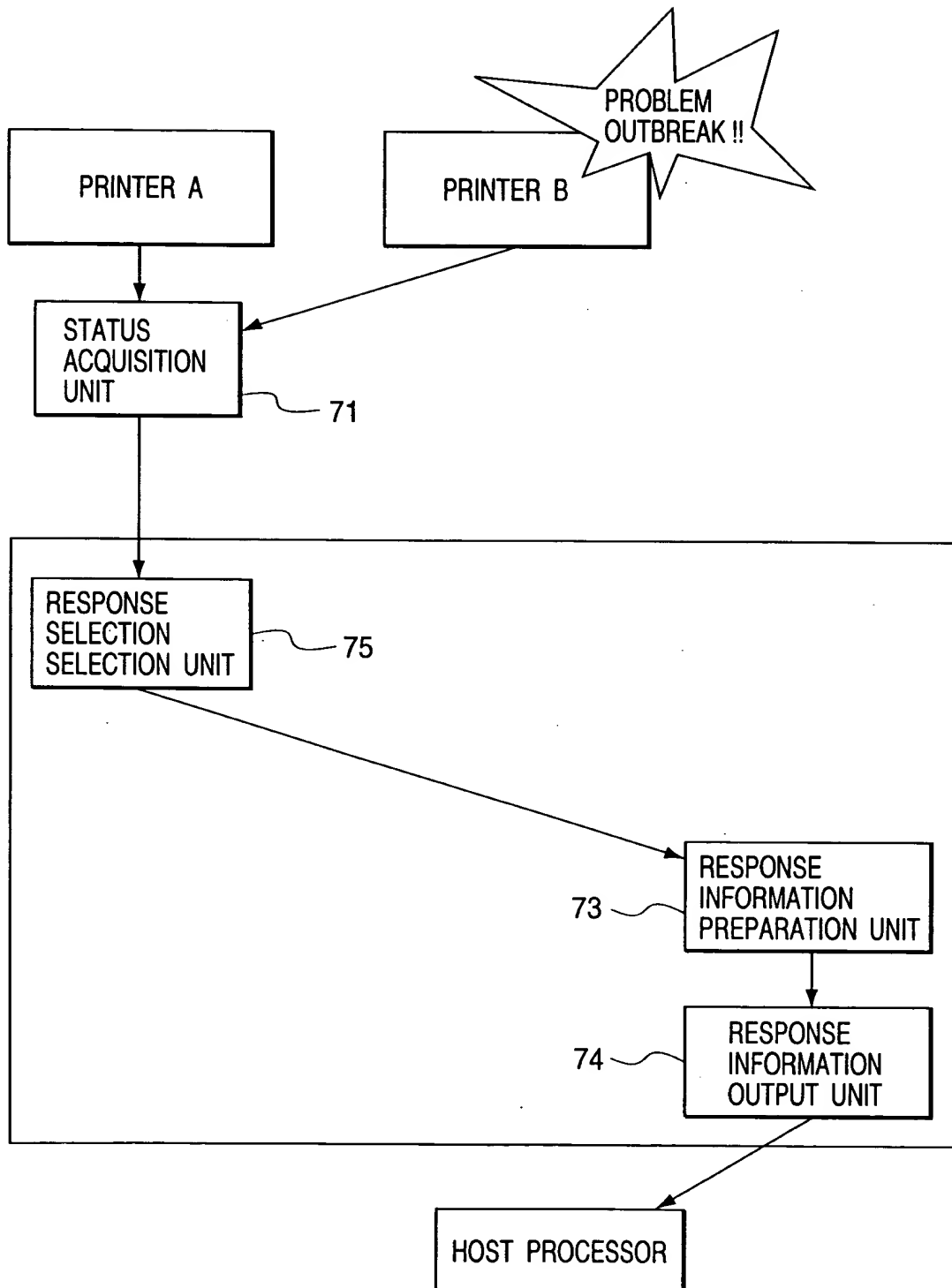
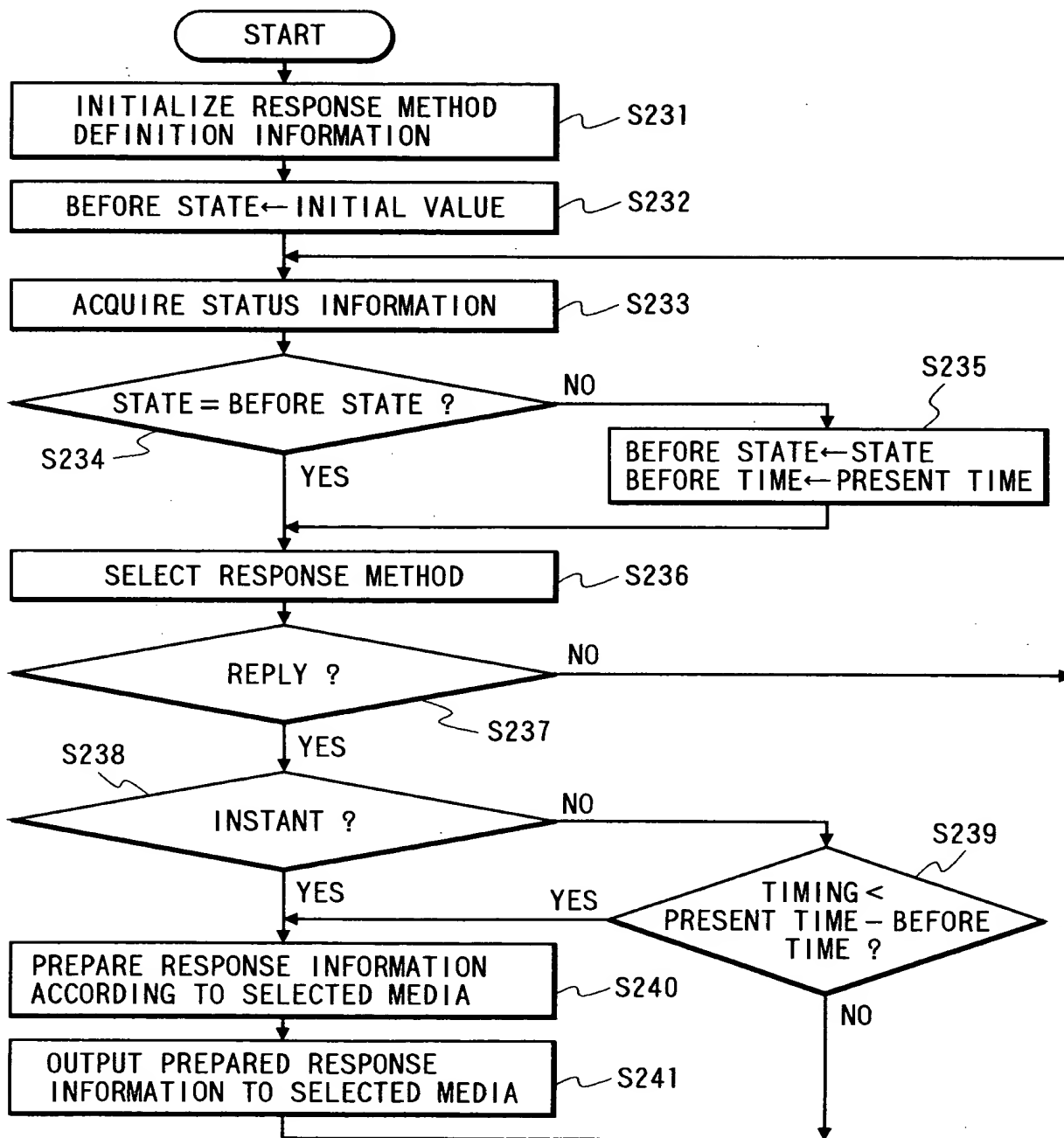


FIG. 22



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FIG. 23

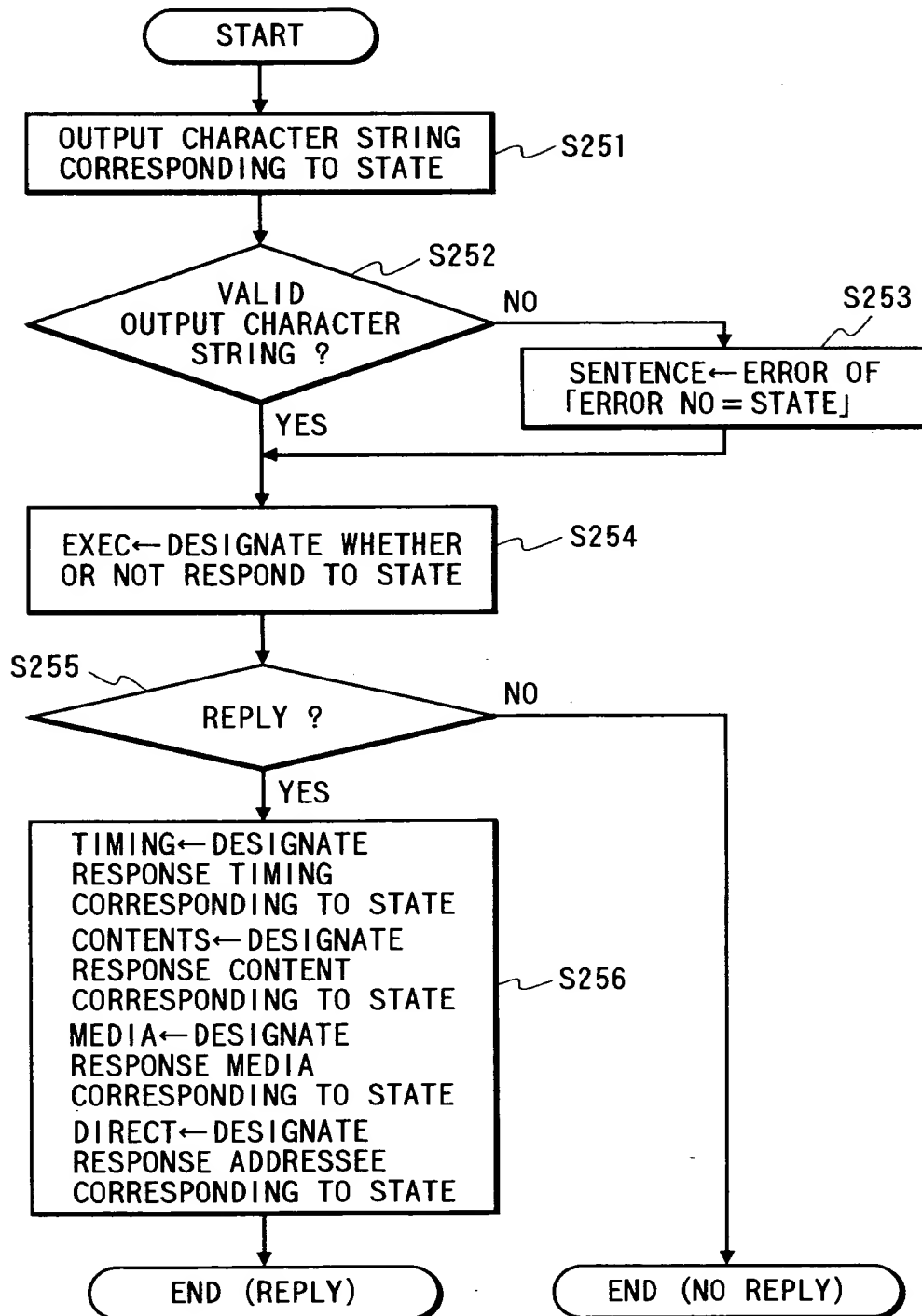


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FIG. 24

STATE	MEANING	9a RESPONSE	9b CONTENT	9c MEDIA	9d RESPONSE ADDRESSEE	9e TIMING	9f OUTPUT CHARACTER STRING
0	CONNECTION OFF OR POWER SUPPLY OFF	NO	ORDINARY	WINDOW	USER	INSTANT	POWER SUPPLY IS NOT SUPPLIED
1	PRINTING STANDBY STAGE	NO	ORDINARY	WINDOW	USER	INSTANT	PRINTING POSSIBLE
2	PRINTER STARTING STAGE	NO	ORDINARY	WINDOW	USER	INSTANT	STARTING STAGE
3	PRINTER BUFFER ABNORMALITY	YES	IMPORTANT	FAX	MANAGER	5 MINUTES LATER	[INVALIDITY]
9	OTHER ERRORS	YES	URGENT	BEEPER	MANAGER	INSTANT	[INVALIDITY]
10	UPPER CARTRIDGE OUT	NO	ORDINARY	WINDOW	USER	5 MINUTES LATER	CARTRIDGE IS REMOVED
11	UPPER CARTRIDGE COPY PAPER OUT	YES	IMPORTANT	WINDOW & BEEP	USER	INSTANT	COPY PAPER OUT
12	UPPER CARTRIDGE COPY PAPER REMAINING 5%	YES	ORDINARY	WINDOW	USER	INSTANT	COPY PAPER RUN LOW
13	UPPER CARTRIDGE COPY PAPER REMAINING 10%	YES	ORDINARY	MAIL	USER	INSTANT	COPY PAPER RUN LOW
20	LOWER CARTRIDGE OUT	NO	ORDINARY	WINDOW	USER	5 MINUTES LATER	CARTRIDGE IS REMOVED
21	LOWER CARTRIDGE COPY PAPER OUT	YES	IMPORTANT	WINDOW & BEEP	USER	INSTANT	COPY PAPER OUT
22	LOWER CARTRIDGE COPY PAPER REMAINING 5%	YES	ORDINARY	WINDOW	USER	INSTANT	COPY PAPER RUN LOW
23	LOWER CARTRIDGE COPY PAPER REMAINING 10%	YES	ORDINARY	MAIL	USER	INSTANT	COPY PAPER RUN LOW
30	TONER CARTRIDGE OUT	NO	ORDINARY	WINDOW	ASSISTANT	5 MINUTES LATER	TONER CARTRIDGE IS REMOVED
31	TONER OUT	YES	IMPORTANT	WINDOW & BEEP	ASSISTANT	INSTANT	TONER OUT
32	TONER REMAINING 5%	YES	ORDINARY	WINDOW	ASSISTANT	INSTANT	TONER RUN LOW
33	TONER REMAINING 10%	YES	ORDINARY	MAIL	ASSISTANT	5 MINUTES LATER	TONER RUN LOW
41	FIXER OUT	YES	IMPORTANT	WINDOW & BEEP	ASSISTANT	INSTANT	FIXER OUT
42	FIXER REMAINING 5%	YES	IMPORTANT	WINDOW & BEEP	ASSISTANT	INSTANT	FIXER RUN LOW
43	FIXER REMAINING 10%	YES	ORDINARY	WINDOW	ASSISTANT	5 MINUTES LATER	FIXER RUN LOW

FIG. 25



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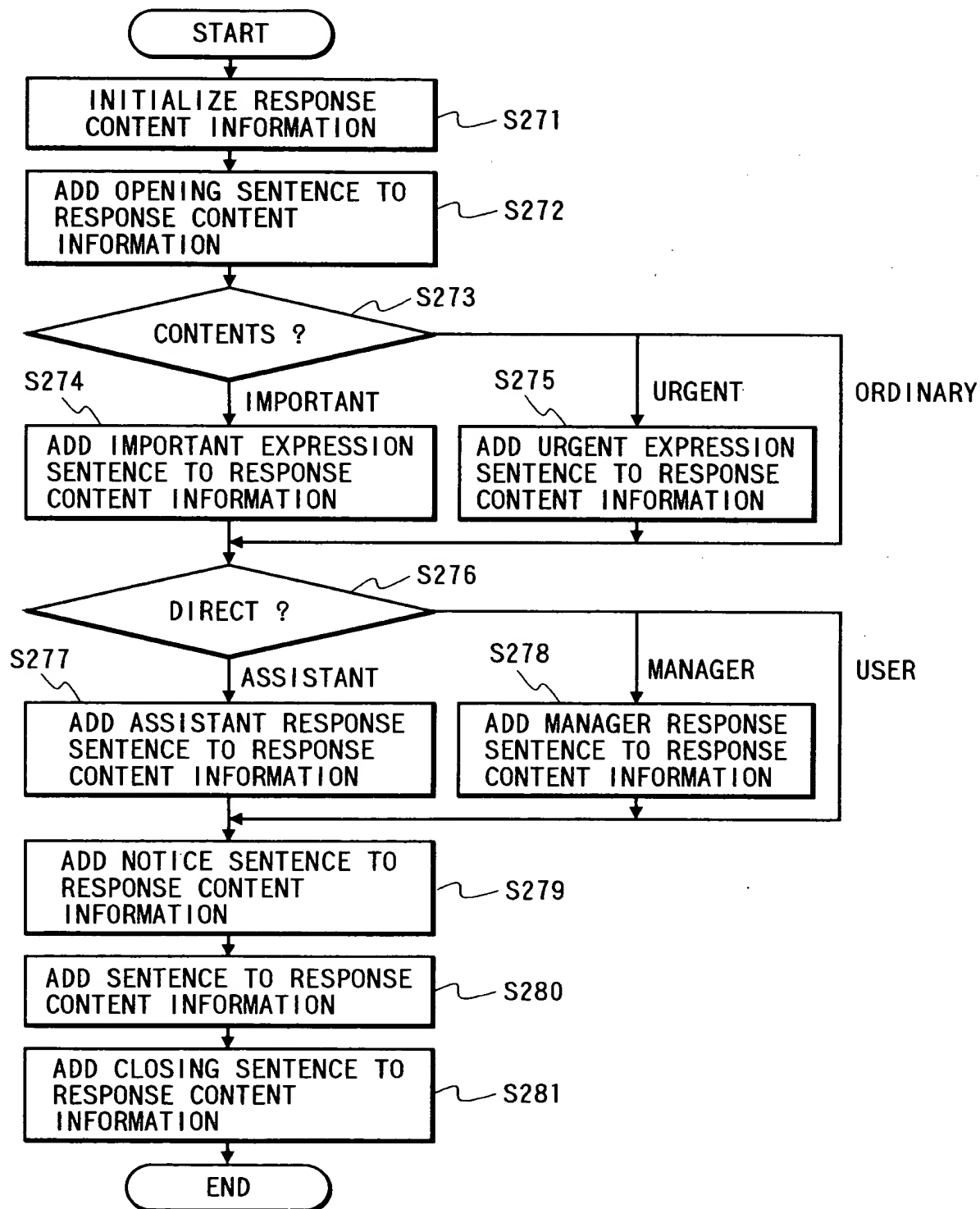
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FIG. 26

VARIABLE NAME	MEANING
SENTENCE	RESPONSE OUTPUT CHARACTER STRING
EXEC	DESIGNATE WHETHER OR NOT RESPOND TO STATE
TIMING	DESIGNATE RESPONSE TIMING
CONTENTS	DESIGNATE RESPONSE CONTENT
MEDIA	DESIGNATE RESPONSE MEDIA
DIRECT	DESIGNATE RESPONSE ADDRESSEE

FIG. 26 65688680

FIG. 27



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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 28

KIND	CHARACTER STRING
OPENING SENTENCE	THIS IS AUTOREPLY SYSTEM
IMPORTANT EXPRESSION SENTENCE	<u>THIS IS VERY IMPORTANT NOTICE</u> <u>PLEASE BE SURE TO ATTEND TO IT</u>
URGENT EXPRESSION SENTENCE	<u>THIS IS URGENT NOTICE</u> <u>PLEASE ATTEND TO IT AT ONCE</u>
ASSISTANT RESPONSE SENTENCE	IN PRINTER LOCATED NEAR ENTRANCE OF ROOM
MANAGER RESPONSE SENTENCE	27TH FLOOR FACING SOUTH IN PRINTER LOCATED NEAR ENTRANCE OF ROOM
NOTICE SENTENCE	FOLLOWING STATUS OCCURRED
CLOSING SENTENCE	ANY INQUIRY SHOULD BE DIRECTED TO MANAGER OR ASSISTANT

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 29

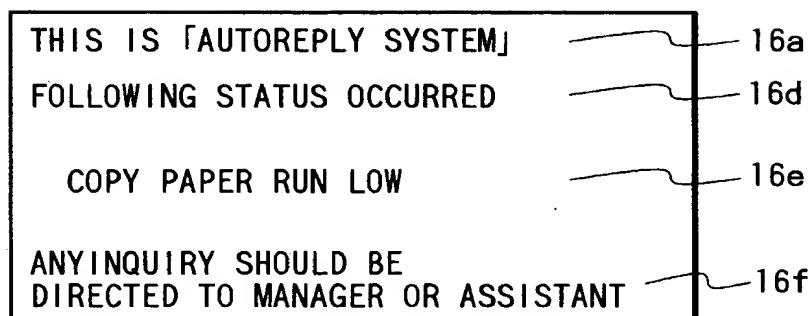
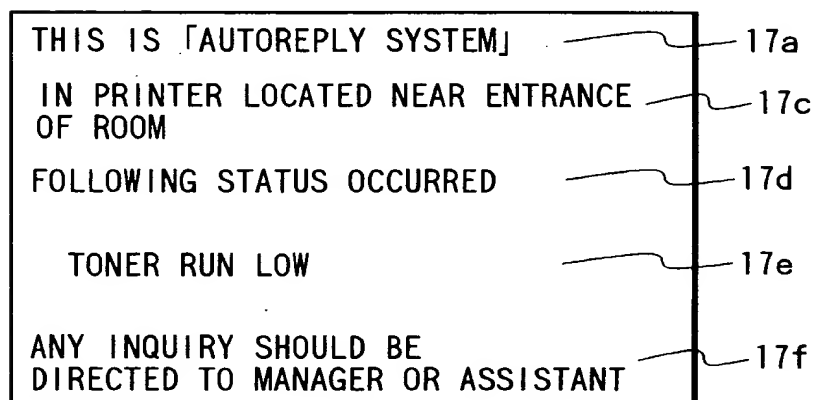
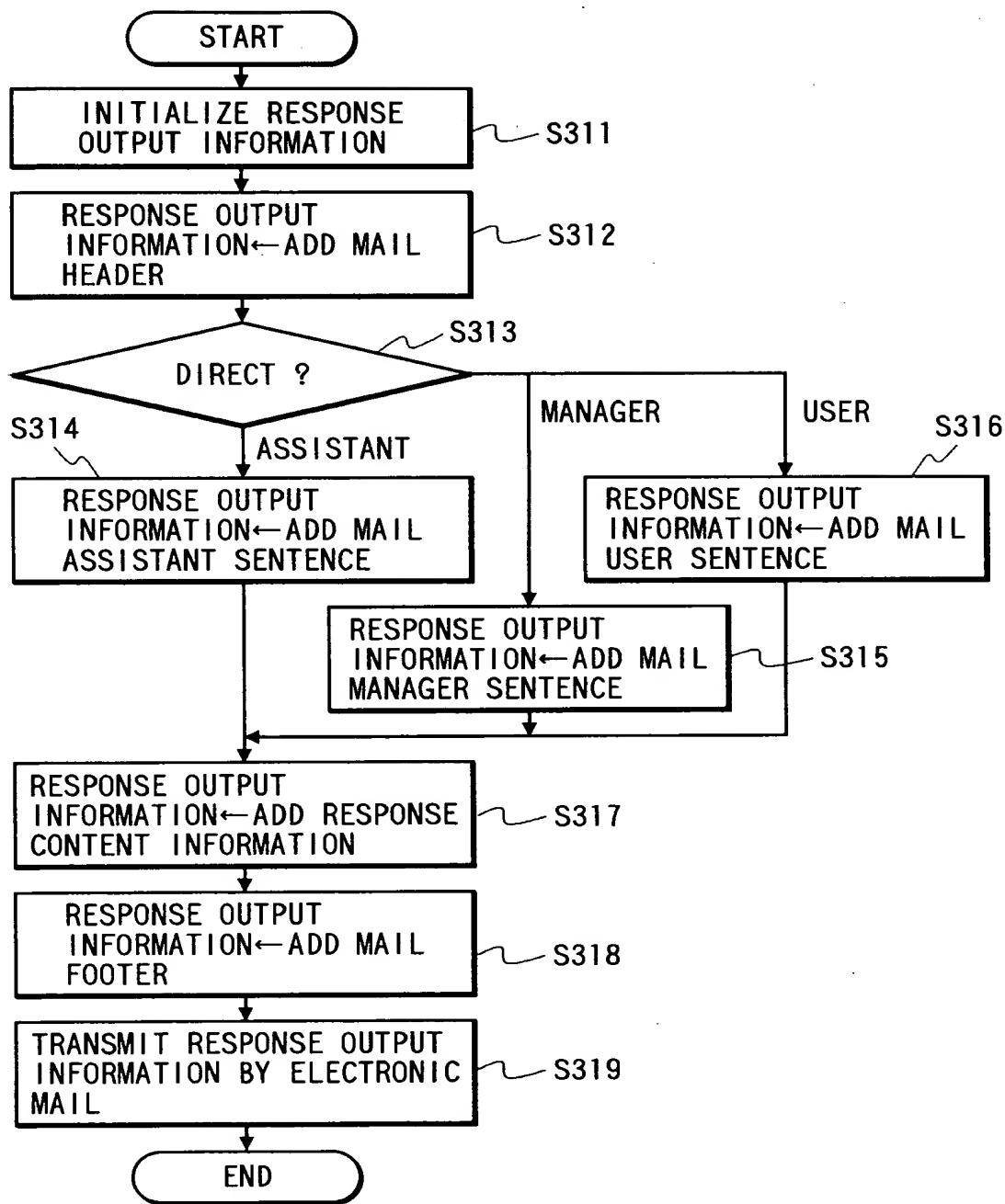


FIG. 30



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FIG. 31



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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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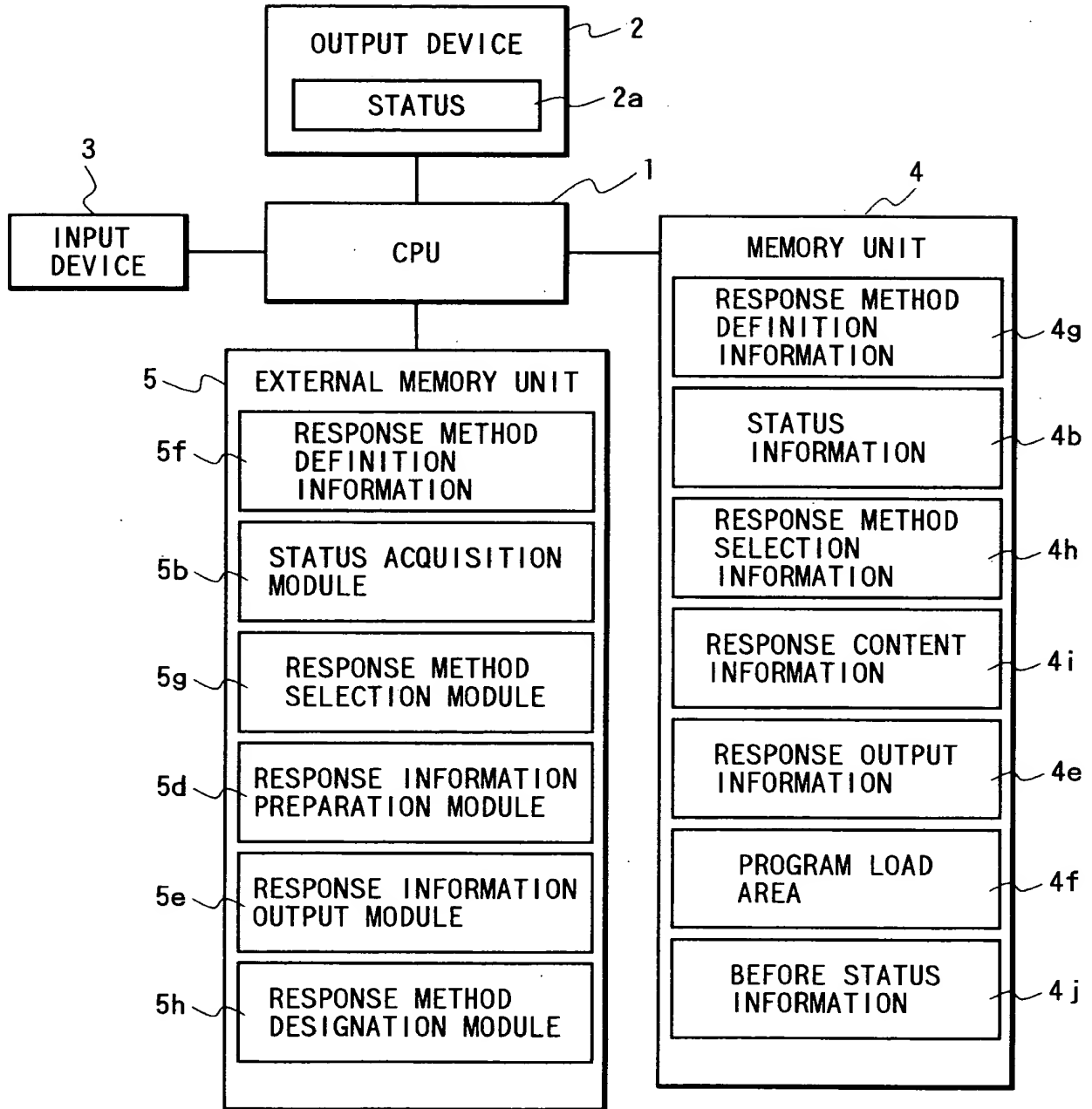
FIG. 32

KIND	CHARACTER STRING
MAIL HEADER SENTENCE	Subject: Printer Status Date: Fri, 26 Jul 1996 17:45:15 +0900 From: AUTOREPLY SYSTEM <autoreply@xxx.yyy.co.jp>
MAIL USER SENTENCE	To: USER <user@xxx.yyy.co.jp>
MAIL ASSISTANT SENTENCE	To: TARO JOSHU <joshu@xxx.yyy.co.jp>
MAIL MANAGER SENTENCE	To: ICHIRO KANRI <kanri@xxx.yyy.co.jp>
MAIL FOOTER SENTENCE	<hr/> AUTOREPLY SYSTEM Ver 1.01 MANAGER: ICHIRO KANRI tel: 03-xxxx-xxxx fax:03-yyyy-yyyy email: kanri@xxx.yyy.co.jp ASSISTANT: TARO JOSHU tel: 03-xxxx-xxxx fax:03-yyyy-yyyy email: joshu@xxx.yyy.co.jp

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2546 6568880

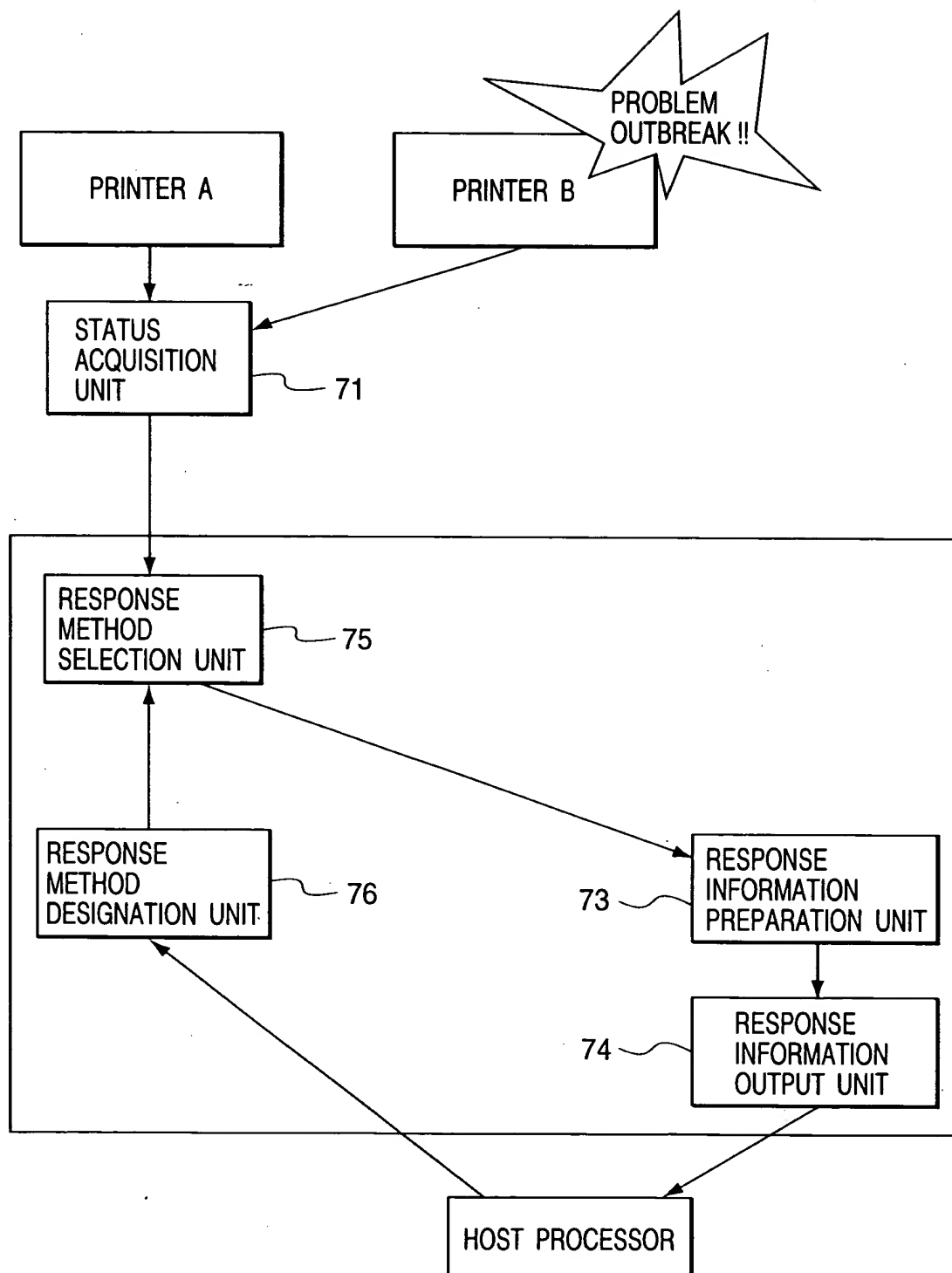
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FIG. 34



2025 RELEASE UNDER E.O. 14176

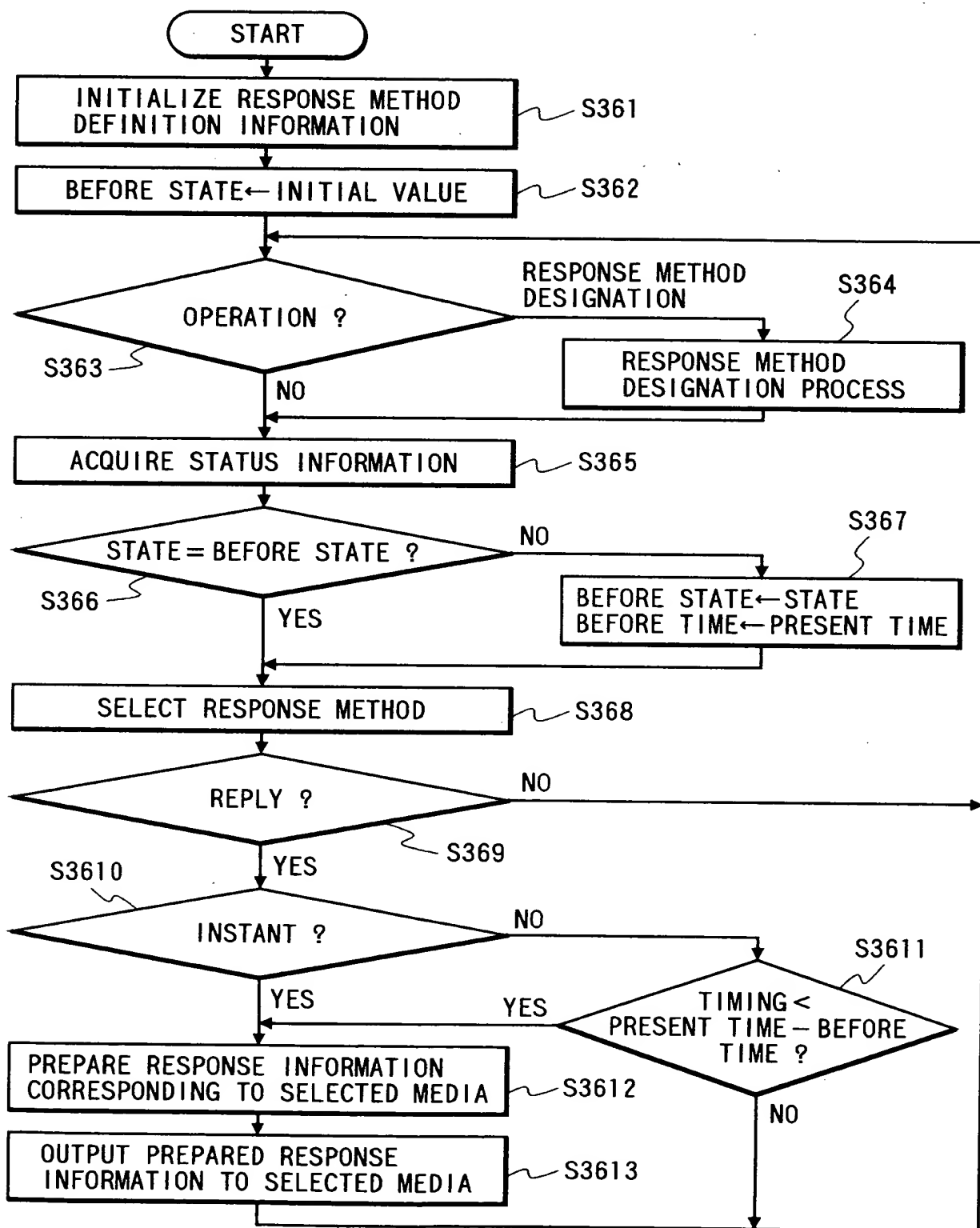
FIG. 35



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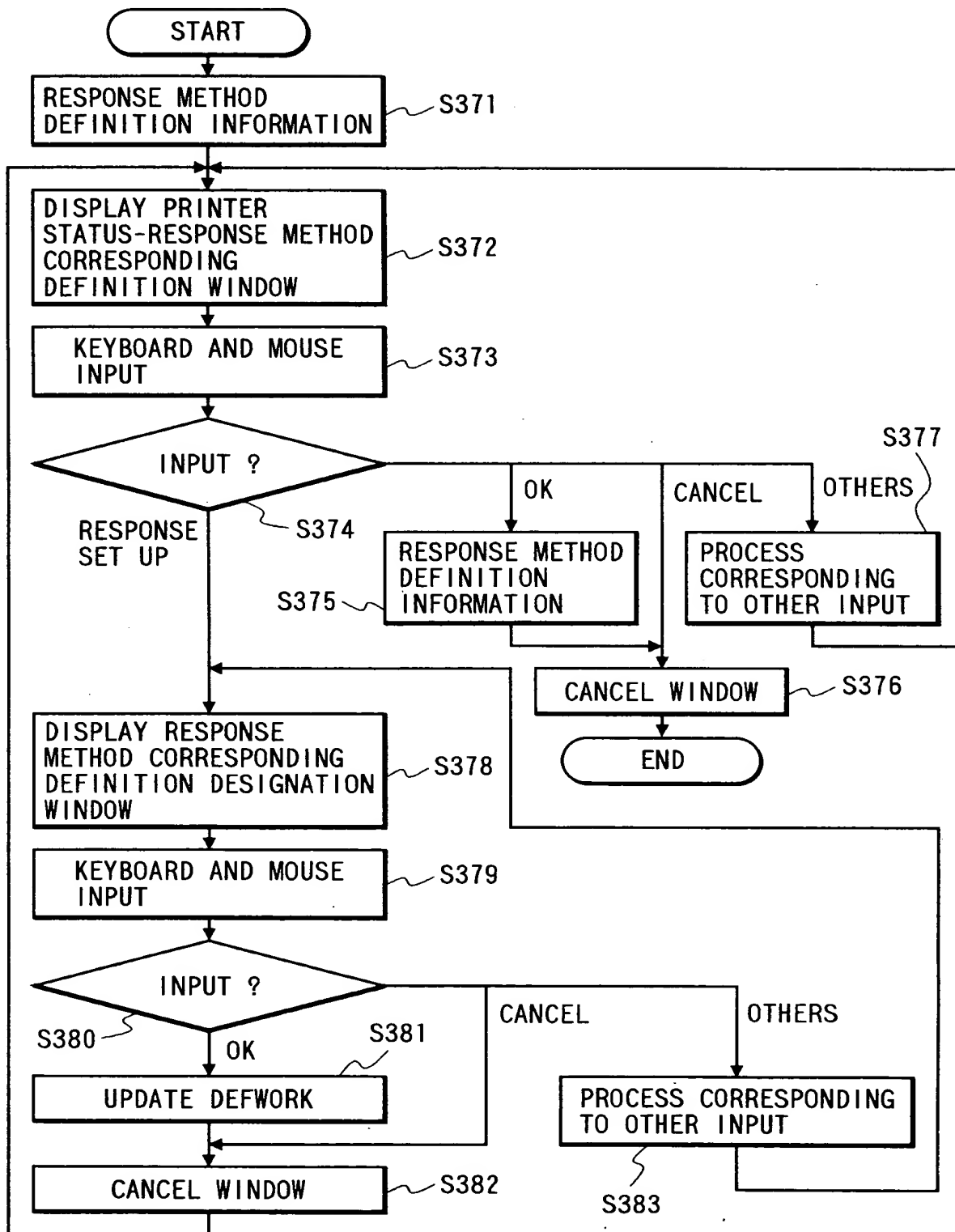
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FIG. 36



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FIG. 37



45444 55555555

FIG. 38A

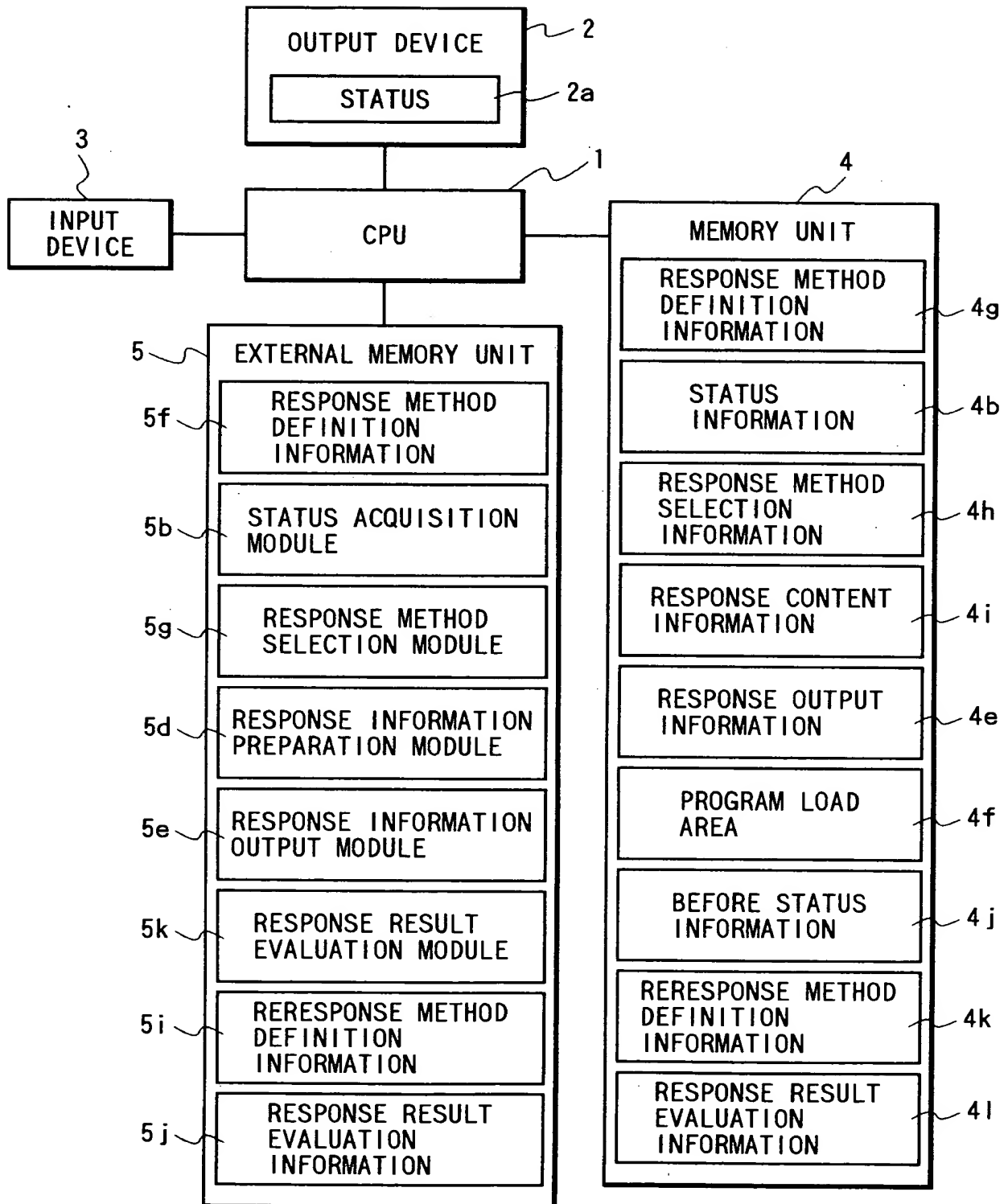
The diagram illustrates the printer status window layout. It features a central list of status items: LOWER CARTRIDGE COPY, PAPER REMAINING 10 %, TONER OUT, TONER REMAINING 5 %, TONER REMAINING 10 %, and FIXER OUT. The 'FIXER OUT' item is highlighted with a rectangular box. To the right of the list are three buttons: OK, CANCEL, and RESPONSE SET UP. Navigation arrows (up and down) are positioned at the top and bottom of the list area.

FIG. 39

STATE	MEANING	9a RESPONSE	9b CONTENT	9c MEDIA	9d RESPONSE ADDRESSEE	9e TIMING	9f OUTPUT CHARACTER STRING
0	CONNECTION OFF OR POWER SUPPLY OFF	NO	ORDINARY	WINDOW	USER	INSTANT	POWER SUPPLY IS NOT SUPPLIED
1	PRINTING STANDBY STAGE	NO	ORDINARY	WINDOW	USER	INSTANT	PRINTING POSSIBLE
2	PRINTER STARTING STAGE	NO	ORDINARY	WINDOW	USER	INSTANT	STARTING STAGE
3	PRINTER BUFFER ABNORMALITY	YES	IMPORTANT	FAX	MANAGER	5 MINUTES LATER	[INVALIDITY]
9	OTHER ERRORS	YES	URGENT	BEEPER	MANAGER	INSTANT	[INVALIDITY]
10	UPPER CARTRIDGE OUT	NO	ORDINARY	WINDOW	USER	5 MINUTES LATER	CARTRIDGE IS REMOVED
11	UPPER CARTRIDGE COPY PAPER OUT	YES	IMPORTANT	WINDOW & BEEP	USER	INSTANT	COPY PAPER OUT
12	UPPER CARTRIDGE COPY PAPER REMAINING 5%	YES	ORDINARY	WINDOW	USER	INSTANT	COPY PAPER RUN LOW
13	UPPER CARTRIDGE COPY PAPER REMAINING 10%	YES	ORDINARY	MAIL	USER	INSTANT	COPY PAPER RUN LOW
20	LOWER CARTRIDGE OUT	NO	ORDINARY	WINDOW	USER	5 MINUTES LATER	CARTRIDGE IS REMOVED
21	LOWER CARTRIDGE COPY PAPER OUT	YES	IMPORTANT	WINDOW & BEEP	USER	INSTANT	COPY PAPER OUT
22	LOWER CARTRIDGE COPY PAPER REMAINING 5%	YES	ORDINARY	WINDOW	USER	INSTANT	COPY PAPER RUN LOW
23	LOWER CARTRIDGE COPY PAPER REMAINING 10%	YES	ORDINARY	MAIL	USER	INSTANT	COPY PAPER RUN LOW
30	TONER CARTRIDGE OUT	NO	ORDINARY	WINDOW	ASSISTANT	5 MINUTES LATER	TONER CARTRIDGE IS REMOVED
31	TONER OUT	YES	IMPORTANT	WINDOW & BEEP	ASSISTANT	INSTANT	TONER OUT
32	TONER REMAINING 5%	YES	ORDINARY	WINDOW	ASSISTANT	INSTANT	TONER RUN LOW
33	TONER REMAINING 10%	YES	IMPORTANT	MAIL	USER	5 MINUTES LATER	TONER RUN LOW
41	FIXER OUT	YES	IMPORTANT	WINDOW & BEEP	ASSISTANT	INSTANT	FIXER OUT
42	FIXER REMAINING 5%	YES	IMPORTANT	WINDOW & BEEP	ASSISTANT	INSTANT	FIXER RUN LOW
43	FIXER REMAINING 10%	YES	ORDINARY	WINDOW	ASSISTANT	5 MINUTES LATER	FIXER RUN LOW

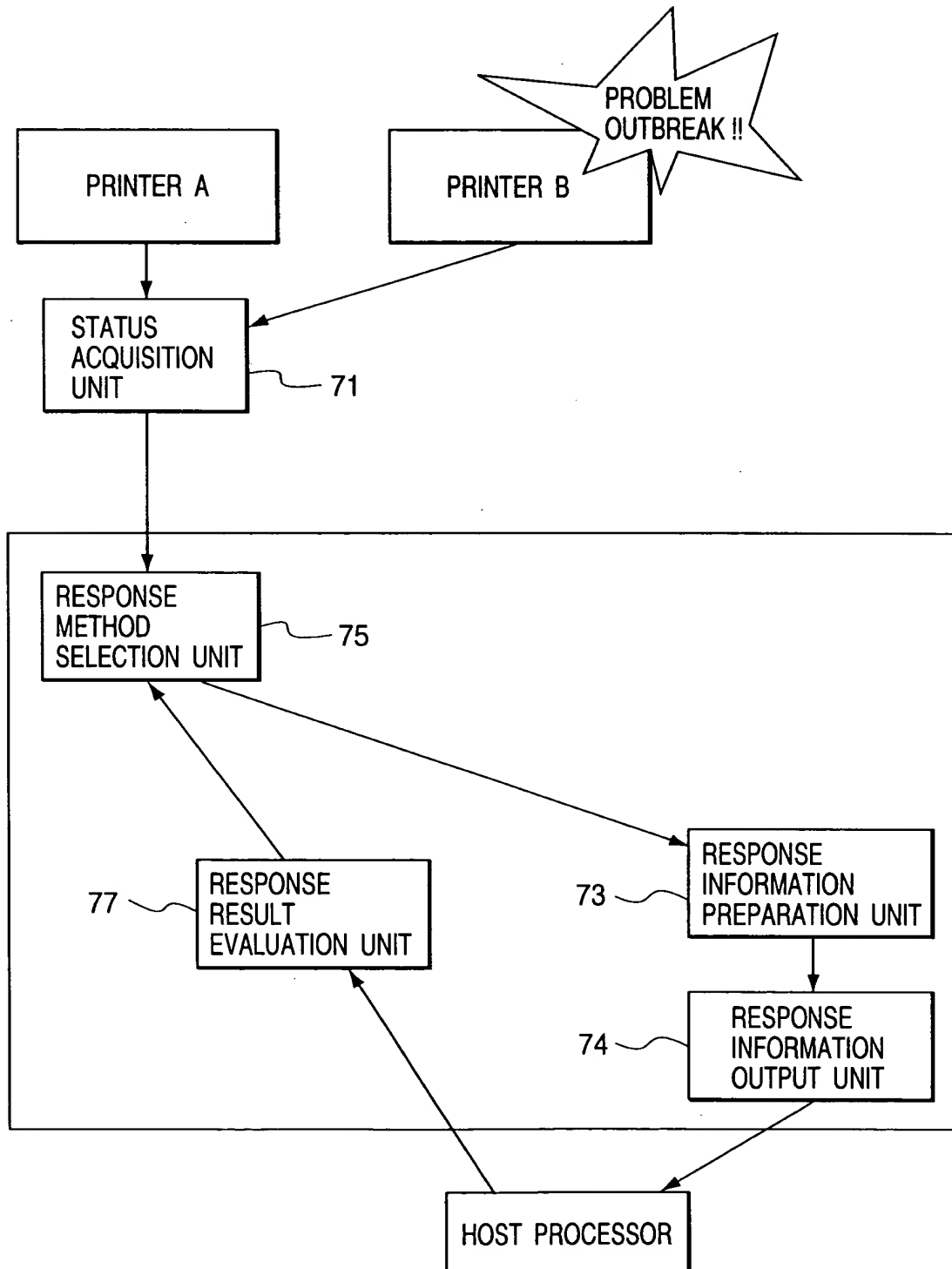
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FIG. 40



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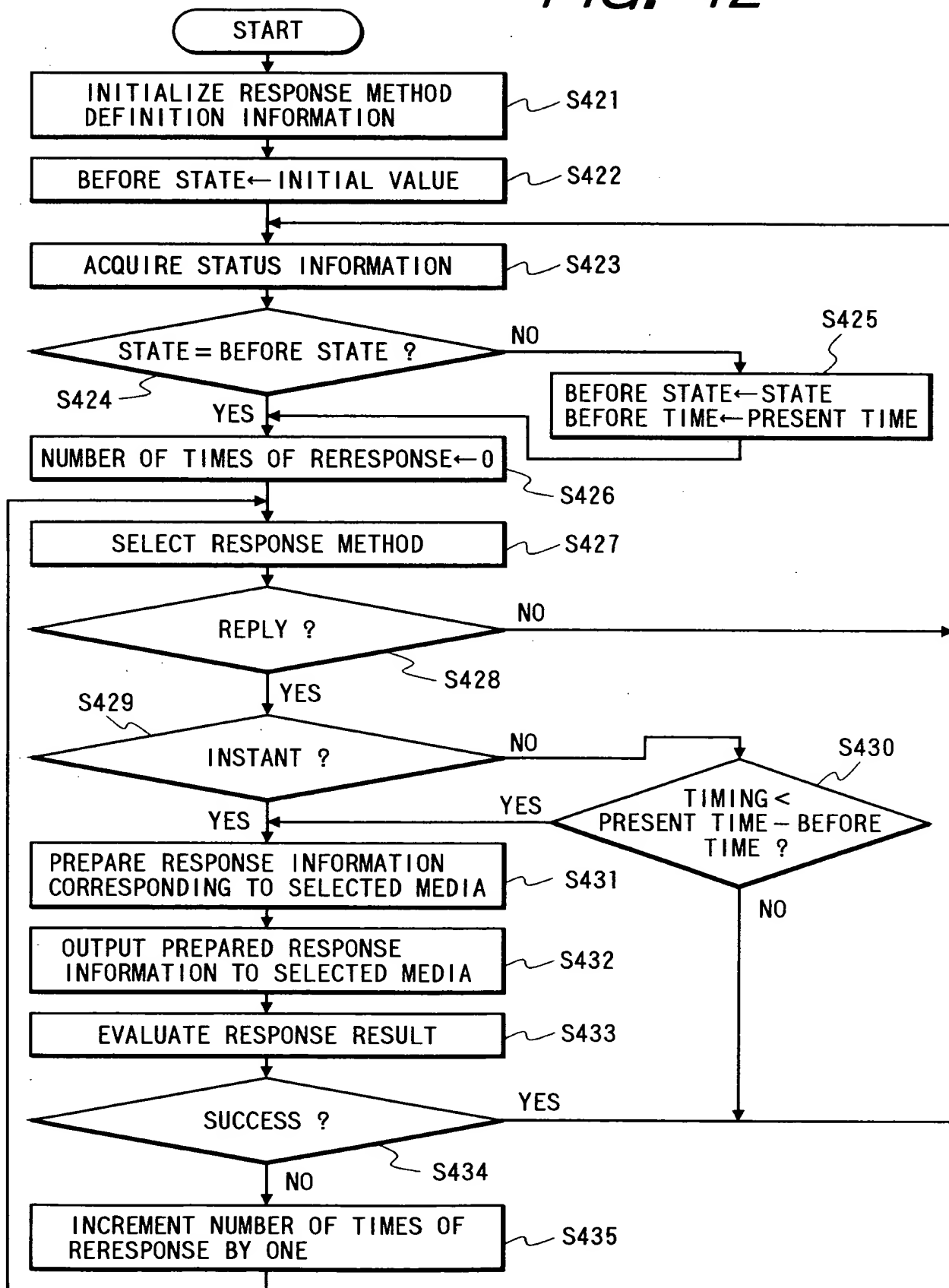
FIG. 41



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FIG. 42



08988959-249

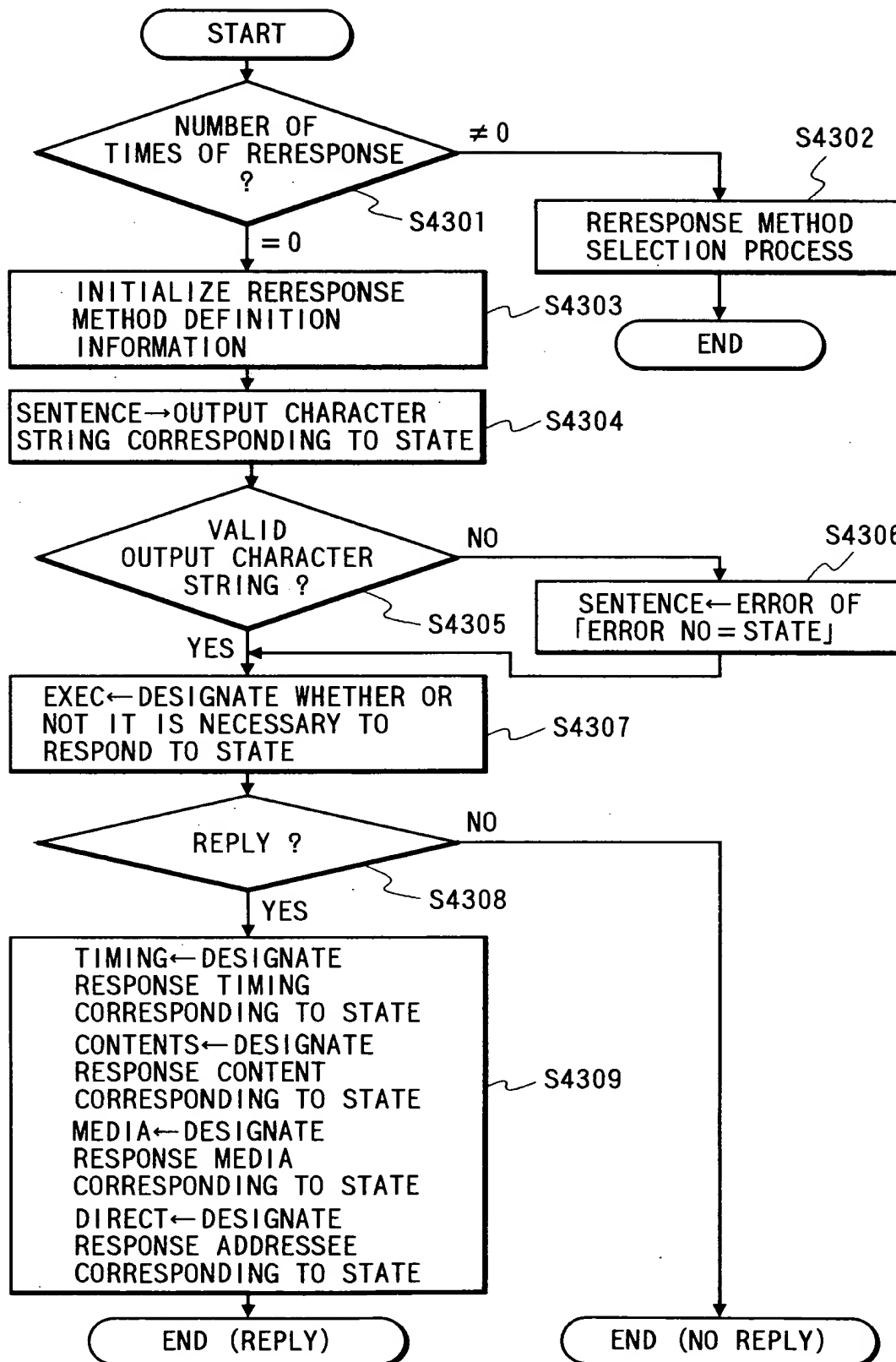
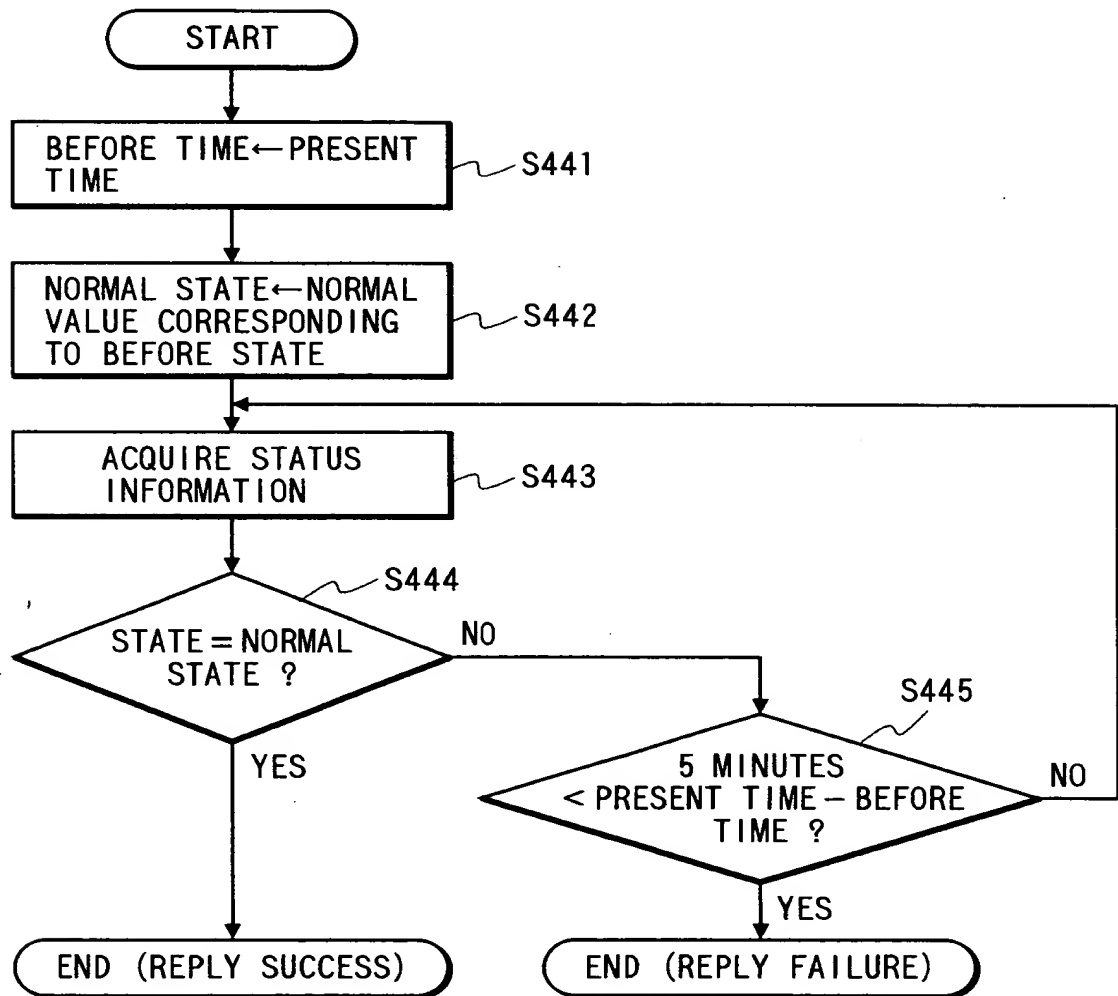
[illegible]

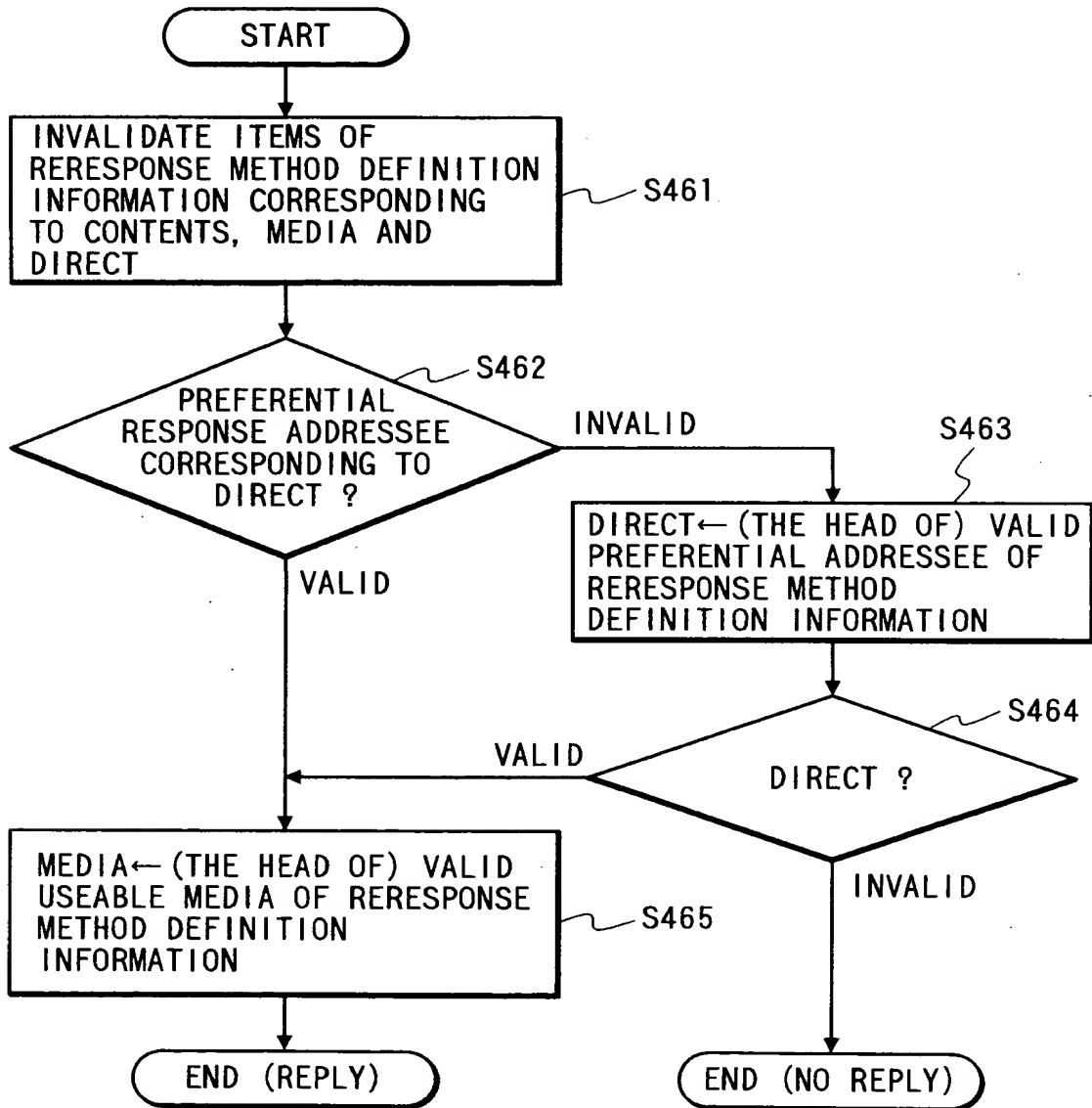
FIG. 4408959 1213
45723 6568680

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 45

ACQUISITION VALUE		NORMAL VALUE	
STATE	MEANING	STATE	MEANING
0	CONNECTION OFF OR POWER SUPPLY OFF	1	PRINTING STANDBY STAGE
1	PRINTING STANDBY STAGE	1	PRINTING STANDBY STAGE
2	PRINTER STARTING STAGE	1	PRINTING STANDBY STAGE
3	PRINTER BUFFER ABNORMALITY	1	PRINTING STANDBY STAGE
9	OTHER ERRORS	1	PRINTING STANDBY STAGE
10	UPPER CARTRIDGE OUT	1	PRINTING STANDBY STAGE
11	UPPER CARTRIDGE COPY PAPER OUT	1	PRINTING STANDBY STAGE
12	UPPER CARTRIDGE COPY PAPER REMAINING 5%	1	PRINTING STANDBY STAGE
13	UPPER CARTRIDGE COPY PAPER REMAINING 10%	1	PRINTING STANDBY STAGE
20	LOWER CARTRIDGE OUT	1	PRINTING STANDBY STAGE
21	LOWER CARTRIDGE COPY PAPER OUT	1	PRINTING STANDBY STAGE
22	LOWER CARTRIDGE COPY PAPER REMAINING 5%	1	PRINTING STANDBY STAGE
23	LOWER CARTRIDGE COPY PAPER REMAINING 10%	1	PRINTING STANDBY STAGE
30	TONER CARTRIDGE OUT	1	PRINTING STANDBY STAGE
31	TONER OUT	1	PRINTING STANDBY STAGE
32	TONER REMAINING 5%	1	PRINTING STANDBY STAGE
33	TONER REMAINING 10%	1	PRINTING STANDBY STAGE
41	FIXER OUT	1	PRINTING STANDBY STAGE
42	FIXER REMAINING 5%	1	PRINTING STANDBY STAGE
43	FIXER REMAINING 10%	1	PRINTING STANDBY STAGE

FIG. 46



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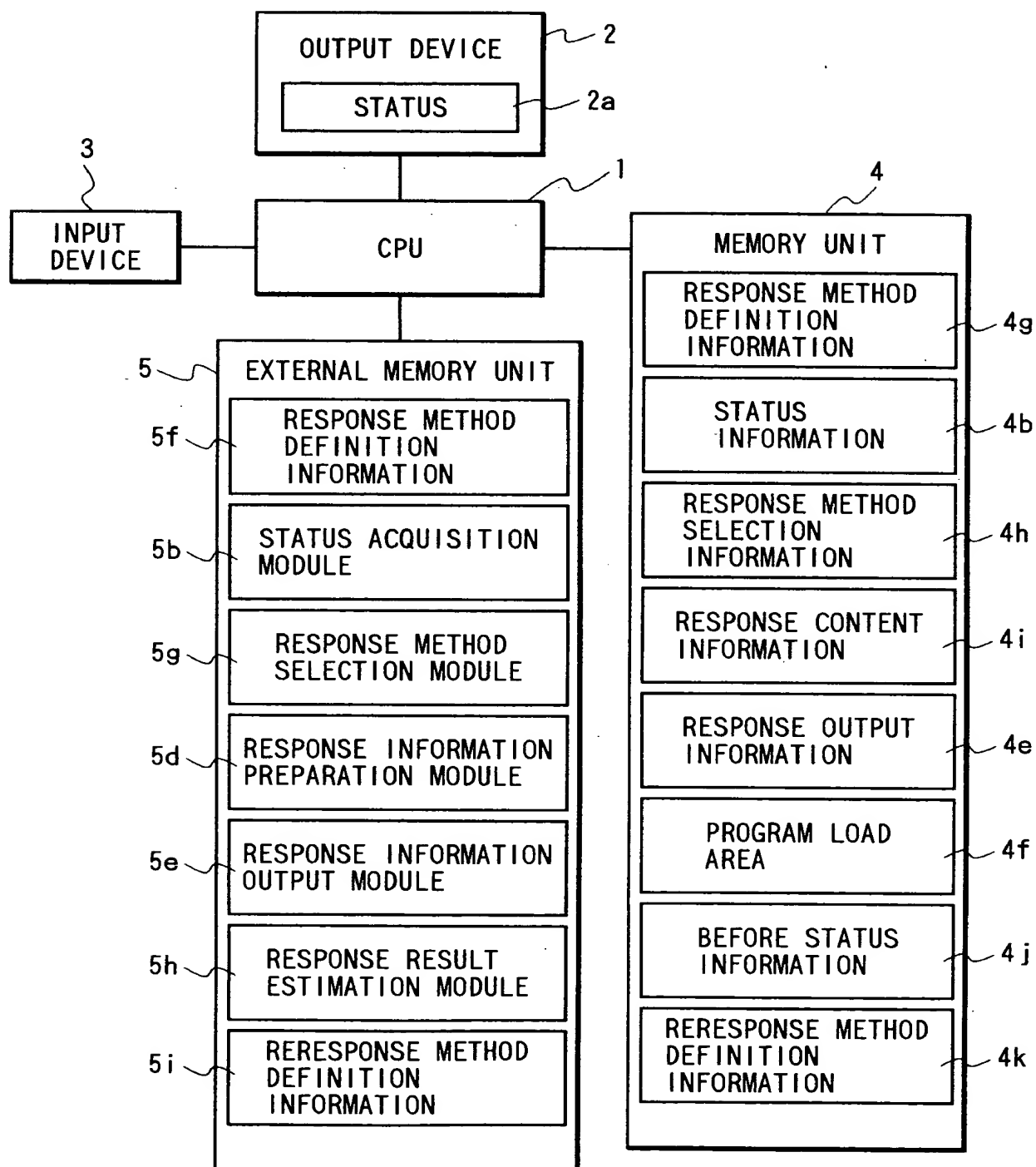
FIG. 47

PREFERENTIAL RESPONSE ADDRESSEE	USEABLE MEDIA			
USER	MAIL	WINDOW	WINDOW & BEEP	
ASSISTANT	BEEPER	MAIL	WINDOW	WINDOW & BEEP
MANAGER	BEEPER	FAX		

FIG. 48

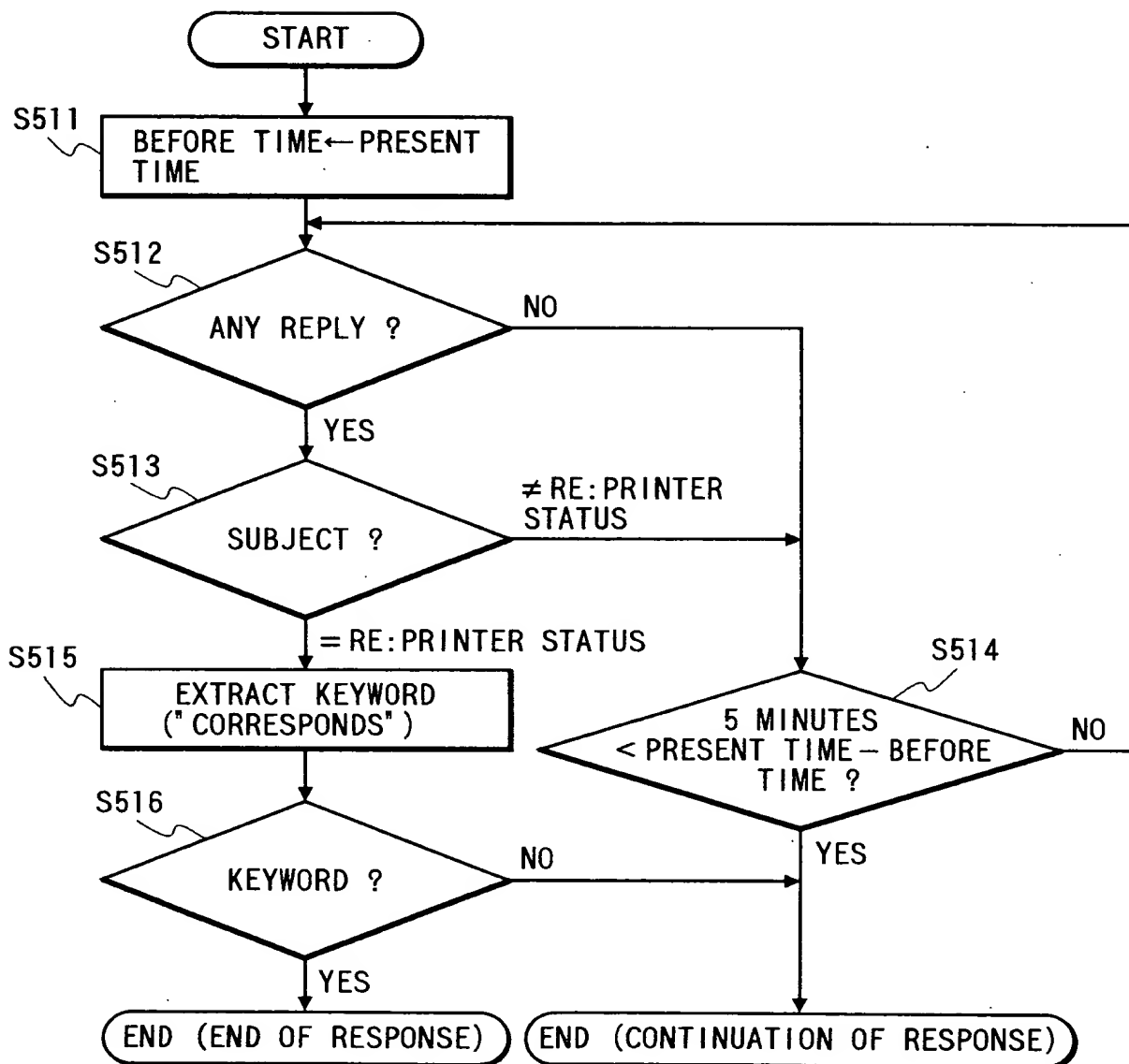
PREFERENTIAL RESPONSE ADDRESSEE	USEABLE MEDIA			
USER	MAIL	WINDOW	WINDOW & BEEP	
ASSISTANT	BEEPER	INVALIDITY	WINDOW	WINDOW & BEEP
MANAGER	BEEPER	FAX		

FIG. 49



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FIG. 51



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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 52

Subject: Re:Printer Status 30a
Date: Fri, 26 Jul 1996 17:47:30 + 0900
From: TARO JOSHU <joshu@xxx.yyy.co.jp> 30b
To: AUTOREPLY SYSTEM <autoreply@xxx.yyy.co.jp>

AUTOREPLY SYSTEM wrote:
> THIS IS 「AUTOREPLY SYSTEM」 30c
> IN PRINTER LOCATED NEAR ENTRANCE OF ROOM
> FOLLOWING STATUS OCCURRED
>
> TONER RUN LOW
>
> ANY INQUIRY SHOULD BE DIRECTED TO
> MANAGER OR ASSISTANT

SYSTEM MANAGER WILL ATTEND TO 30d
ABOVE-MENTIONED STATUS

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